

ACME Ph (Phenyl)

Pore Size: 120 Å
Carbon Content: 10%
Usable pH Range: 1.8 to 9.5
USP Listing: L11

ACME Ph

3 µm, 100 x 4.6 mm

Isocratic Mobile Phase:

A: 25 mM ammonium phosphate buffer (pH 7.0)

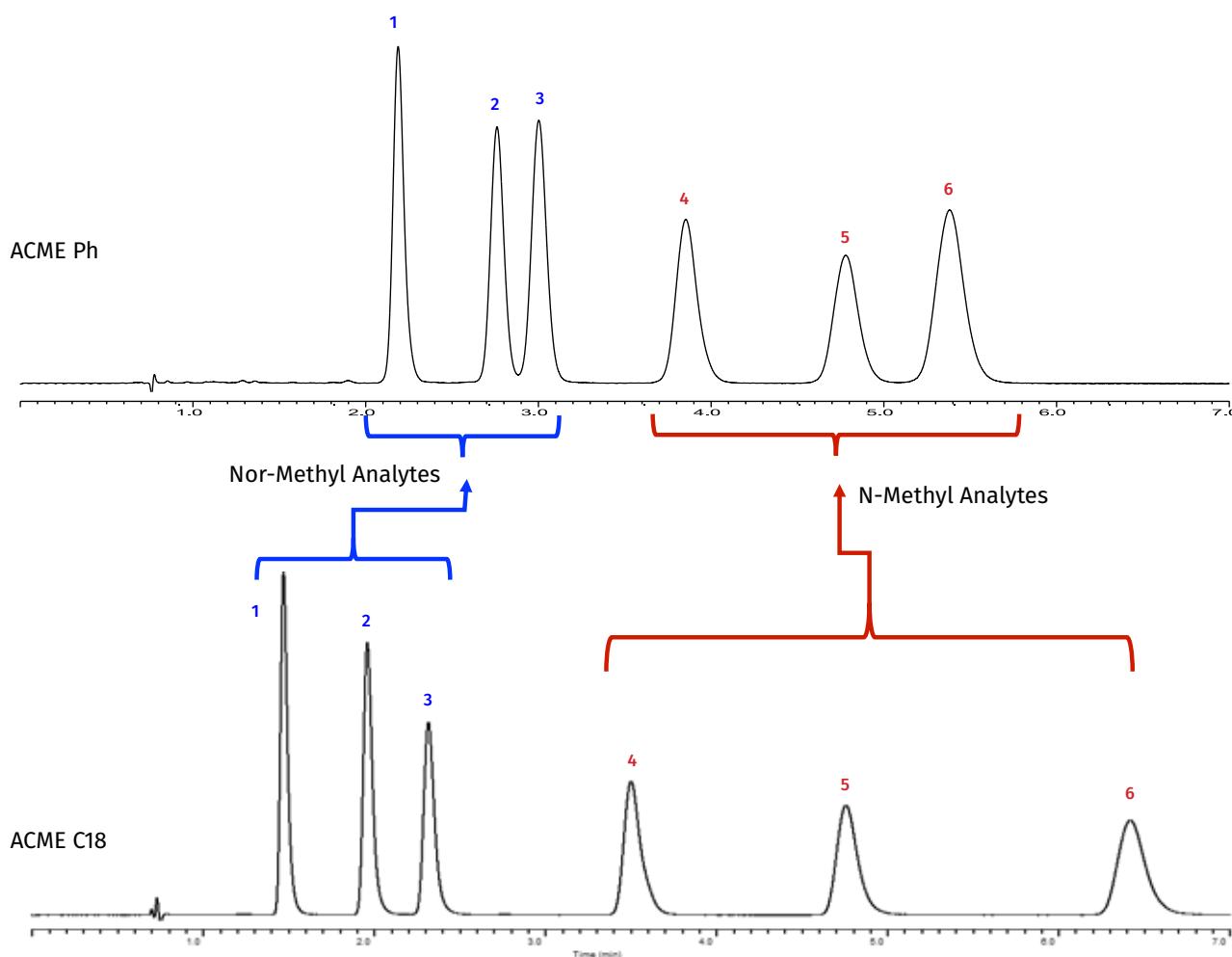
B: Methanol

A:B, (30:70, v/v)

Flow rate: 1.5 mL/min
Temperature: 35 °C
Detection: UV@254 nm
Injection Vol.: 2 µL

Sample:
1. Nordoxepin
2. Desimipramine
3. Nortriptyline
4. Doxepin
5. Imipramine
6. Amitriptyline

Tricyclic Antidepressants



The more polar analytes show enhanced retention on the ACME Phenyl while the less polar analytes show decreased retention. This has the advantage of bringing separations of mixed analyte systems into a smaller separation window.